

Message

From: Wayne Miller [Miller.Wayne@azdeq.gov]
Sent: 6/1/2016 8:20:29 PM
To: d'Almeida, Carolyn K. [dAlmeida.Carolyn@epa.gov]
CC: JERRARD, CATHERINE V GS-13 USAF HAF AFCEC/CIBW [catherine.jerrard@us.af.mil]
Subject: 2016-6-1 - WAFB - FYI - Clarification - L50 exceed NAPL depth to 240 ft- packer between U28 and L51- ST012 - L49 at 170 ft - per sw uxo

FYI – received some clarification and progress notes from S Willis, UXO Pro - Thanks.

From: Steve Willis [mailto:steve@uxopro.com]
Sent: Wednesday, June 01, 2016 1:10 PM
To: Wayne Miller <Miller.Wayne@azdeq.gov>
Cc: Davis, Eva <Davis.Eva@epa.gov>
Subject: 2016-6-1 - WAFB - Clarification - L50 exceed NAPL depth to 240 ft- packer between U28 and L51- ST012 - L49 at 170 ft - sw uxo

For clarification:

1. Boring/Well LSZ50. For some reason, my field notes end with "TD at 223', ready to construct well." According to Kyle at AMEC, they continued drilling this boring to 240'. Kyle said there did not appear to be significant contamination below approximately 223'. He applied the NAPL dye test to cuttings at about 236' and 240', with no indication. The boring was backfilled to 220' and the well was constructed as originally planned. Of course, that still leaves the potential for a few ft. of contamination below what was indicated in the dye test, but it appears that there was no significant contamination in the deeper cuttings.

2. Well UWBZ28/LSZ51. My report calls this a "single-screened" well; What I meant was, there is a single well casing, as opposed to a nested well. They installed a packer between the UWBZ screened interval and the LSZ screened interval. Sorry for the confusion.

They started drilling east of Sossaman Rd. today, but hit a major water line after clearing the upper 5' of the boring with a hand auger. So they had to repair that, move the rig, and re-start, so they're just getting started there. They're also drilling at LSZ49 on the Army facility; currently at about 170'.

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----- Original Message -----

From: Wayne Miller <Miller.Wayne@azdeq.gov>
To: steve <steve@uxopro.com>
Sent: Wednesday, June 1, 2016 9:06:01 AM
Subject: 2016-6-1 - WAFB - QUERY - - did L50 exceed NAPL depth - why packers L51- edavis epa - ST012 -

Query – Eva Davis is requesting clarification. Can you please assist if you have quick answer? I will also forward query to Catherine.

From: Davis, Eva [<mailto:Davis.Eva@epa.gov>]
Sent: Wednesday, June 01, 2016 7:51 AM
To: Wayne Miller <Miller.Wayne@azdeq.gov>; d'Almeida, Carolyn K. <dAlmeida.Carolyn@epa.gov>
Subject: 2016-6-1 - WAFB - ST012 - did L50 exceed NAPL depth - why packers L51- edavis epa

Wayne -- glad you have Steve in the field doing some oversight of the drilling. I'm curious of the total depth of the LSZ borings -- according to Table 4-1 of the addendum, LSZ50-INJ was supposed to go to 220 ft. Steve's memo states that NAPL odors/positive dye test goes to 223 ft. Was this borehole continued until they found the bottom of the LNAPL? Also, the May 23 email states that packers were installed in LSZ51. What was the purpose of this? thanks Eva

From: Wayne Miller [<mailto:Miller.Wayne@azdeq.gov>]
Sent: Thursday, May 19, 2016 4:05 PM
To: d'Almeida, Carolyn K. <dAlmeida.Carolyn@epa.gov>
Cc: Davis, Eva <Davis.Eva@epa.gov>
Subject: 2016-5-18 - WAFB - fyi - ST012 EBR install well U32-L47-U33-L48-L44-L50 Site Visit May 3-7-11-18 -

FYI -

From: Steve Willis [<mailto:steve@uxopro.com>]
Sent: Wednesday, May 18, 2016 6:37 PM
To: Wayne Miller <Miller.Wayne@azdeq.gov>
Subject: 2016-5-18 - WAFB ST012 EBR install well U32-L47-U33-L48-L44-L50 Site Visit May 3-7-11-18 - sw uxopro

Wayne,

Here is my summary of site visits 5/3, 5/7, 5/11, and 5/18.

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